THE MINISTER OF HEALTH AND FAMILY WELFARE (SHRI NILAMANI ROUTRAY): (a) No, Sir.

(b) and (c) Do not arise.

Post of Pharmacist in the CGHS Homoeopathic dispensary, Dev Nagar, Delhi

753. SHRI SOHAN LAL DHUSIYA: Will the Minister of HEALTH AND FAMILY WELFARE be pleased to refer to the answer to Unstarred Question 69 given in the Rajya Sabha on 18th July, 1989; and state;

(a) whether the vacant post of Pharmacist in the CGHS Homoeopathic Dispensary, Dev Nagar, Delhi has since been filled up; if so, when and if not, what are the reasons therefor; and

(b) by when it is likely to be filled up ?

THE MINISTER OF HEALTH AND FAMILY WELFARE (SHRI NILAMANI ROUTRAY): (a) The post of Pharmacist in CGHS Homoeopathy Dispensary Dev Nagar has been filled up w.e.f. 28-2-90.

(b) Does not arise.

754. [*Transferred to the 22nd March*, 1990]

Tidal Power Project in Gulf of Kutch

755. SHRI ASHWANI KUMAR: Will the Minister of ENERGY be pleased to refer to answer to Starred Question 190 and Unstarred Question 2103 given in the Rajya Sabha on the 31st July, 1989 and 13th March, 1989, respectively and state:

(a) whether a techno-economic evaluation has been carried out on the feasibility report for the tidal power project in Gulf of Kutch and whether further investigations and studies on certain aspects of the project were also made and if so, what are those aspects, the findings of the studies and final decision, if any, arrived at;

(b) what are the salient features of the project;

(c) whether Government have also considered projects for coastal places other than Gulf of Kutch; if so, what are their names and with what results; and

(d) what are the names of places in other countries where tidal power projects are a success and to what extent ?

THE MINISTER OF ENERGY WITH ADDITIONAL CHARGE OF THE MINISTRY OF CIVIL AVIATION (SHRI ARIF MOHD. KHAN): (a) Further investigations and studies considered necessary in the course of techno-economic evaluation of the feasibility report for the tidal power project in Gulf of Kutch are under progress. The work in regard to ground survey to transfer the revised alignment through Naviwat and Hadkiya creeks and deep bore holes of 30 metre depth each on either banks of Hadkiya creek and one 50 metre deep hole in dry dock area have been completed. Besides, 10 metre hand auger holes along the revised alignment of the embankment on Sathasaida bet are under progress. The investigations/ tests involving under water core drilling in the Hansthal creek could not, however, be taken up so far due to non-availability of the specialised drilling vessel during the current working season. In view of the continuing investigations no final decision has yet been taken about the project.

(b) The project envisages an installation of 36 units of 25 MW each totalling 900 MW with expected generation of about 1690 GWH (million units) annually.

(c) No tidal power projects for coastal places other than the Gulf of Kutch are presently under consideration.

(d) According to the information available with the Central Electricity Authority the following tidal power projects are reported to be presently operating successfully in other countries :—

1. La-Rance (France) . . .	24x10 MW	Commissioned in 1966
2. Kislaya Guba (USSR) (Experimental)	400 KW	Commissioned in 1968
3. Jiang Xia (China) . .	3000 KW	Commissioned in 1980
4. Annapolis Royal Pilot Project (Canada)	20 MW	Commissioned in 1984

Installation of ISI marked pump-sets under 'Jaldhara Scheme'

756. SHRI ATAL BIHARI VAJPAYEE: Will the Minister of ENERGY be pleased to refer to the answer to Unstarred Question 1899 given in the Rajya Sabha on the 13th March, 1989 and Unstarred Question 1380 given in the Rajya Sabha on the 31st July, 1989 and to state :

(a) what is the date on which Jaldhara Scheme was announced and with what objectives;

(b) whether 50,000 ISI marked, energy efficient electric pump-sets were to be installed and working in 1988-89 to achieve the objectives and, if so, what is the number of pump-sets actually energised so far and working satisfactorily;

(c) whether electricity is being provided to run these pump-sets as and when required;

(d) what is the number of marginal and poor farmers in the drought-prone areas who have been benefitted from this 'Jaldhara' Scheme, Statewise; and

(e) what is the total expenditure incurred on this Scheme so far ?

THE MINISTER OF ENERGY WITH ADDITIONAL CHARGE OF THE MINISTRY OF CIVIL AVIATION (SHRI ARIF MOHD. KHAN): (a) The Jaldhara scheme was announced at the time of presentation of Central Budget for 1988-89. The scheme was formally notified in the month of January, 1989 and actual implementation could be taken up only during the current financial year. The objective of the scheme was to assist the marginal farmers in the drought-prone areas to acquire electric pump-sets for irrigation purposes through a combination of grants and loan.

(b) and (d) Yes, Sir. 2016 pump-sets have been energised upto end of January,1190. State-wise position is as under :—

Andhra Pradesh .	787
Orissa . . .	1229

(c) As reported by the concerned SEBs, power supply is being made available for operation of pumpsets installed under the scheme.

(e) Upto January, 1990, an amount of about Rs. 6·03 crores has been disbursed by the Rural Electrification Corporation against the scheme as advance to five States (Andhra Pradesh, Orissa, Madhya Pradesh, Rajasthan and West Bengal).